

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows:

Data Storage and Processing Systems

~~This invention generally relates to systems, methods and computer program code~~We
~~describe techniques for~~ storing and processing data, ~~in particular~~data captured in
large volumes of data captured by monitoring digital mobile communications
~~networks such as~~from digital mobile phone networks.

~~A method of storing data captured from a digital communications network, for~~
~~processing, said captured data comprising a stream of messages having message~~
~~parameters, said stream of messages comprising messages of a plurality of~~
~~communications sessions, the method comprising: inputting data from said stream of~~
~~messages; writing, for sequential ones of said~~said networks. One technique inputs a
stream of messages, writes sequential sets of message parameters into a first
FIFO (first in first out) data structure, at an entry point of said first FIFO data
structure; reading said sequential sets ofpoint; reads the parameters from an
exit point of said first FIFO data structure; and writing sequential sets of parameters
read from said first FIFO data structurepoint; and writes the read parameters into a
second data structure; and wherein saidstructure. Importantly in this technique the
entry point and saidthe exit point are separated by a first data structure length; and
wherein said first data structure length has a predetermined minimum valuelength
defined in terms of a number of saidthe sets of parameters and/or a time. Some
preferred implementations also include a last value data store or bucket to store one
or more most recent previous values of~~between said writing of a said set of~~
~~parameters into said first data structure and said reading of a said set of parameters~~
~~from said first data structure.~~message parameters.